### NATIONAL TRANSPORTATION SAFETY BOARD

IN RE:

THE EL FARO INCIDENT OFF : NTSB Accident No. THE COAST OF THE BAHAMAS ON : DCA16MM001

OCTOBER 1, 2015

Interview of: LCDR

USCG

Thursday, February 11, 2016

Via teleconference

**BEFORE:** 

JON FURUKAWA, NTSB PAUL WEBB, USCG PATRICIA FINSTERBUSCH, TOTE Services LOUIS O'DONNELL, ABS

This transcript was produced from audio provided by the National Transportation Safety Board.

# **APPEARANCES:**

On Behalf of the Interviewee:

U.S. Coast Guard 2703 Martin Luther King Jr. Avenue, S.E. Washington, D.C. 20593

### TABLE OF CORRECTIONS TO TRANSCRIPT OF INTERVIEW FOR

LCDR

### TAKEN ON

# February 11, 2016

PAGE NUMBER	LINE NUMBER	CURRENT WORDING	CORRECTED WORDING
4	17	you know, of the Coast Guard as a Lieutenant Junior	I entered the Coast Guard as a Lieutenant Junior
5	2	job. I actually started off with air defense	career track. I actually started off with air defense
7	8	support of relief efforts for the Bohemian government	support of relief efforts for the Bahamian government
10	14/15	daytime. It was VFR, Visual Flight Rules, flying in the clouds.	daytime. It was VFR, Visual Flight Rules, flying clear of the clouds.
11	11	Well, initially, from our port	Well, initially, from our forward
11	21	to get from our port operating base to Great Exuma, and	to get from our forward operating base to Great Exuma, and
12	11	clouds. I don't recall the (inaudible).	clouds, I don't recall the exact weather.
15	2	decided to mark it with a self- locating datum marker, I	decided to mark it with a self-locating datum marker buoy, I
15	21	scene with the PA (phonetic), it took us a long time to	scene with the P8 (phonetic), it took us a long time to
18	5	I'm looking at the, the missile reporter (phonetic)	I'm looking at the, the MISLE (Marine Information for Safety and Law Enforcement) report (phonetic)
19	24	here is I only flew, only flew one additional story	here is I only flew one additional sortie
22	2	liability of the SLDMBs, but, I think, that's in the	reliability of the SLDMBs, but, I think, that's in the

If, to the best of your knowledge, no corrections are needed kindly circle the statement "no corrections needed" and initial in the space provided.

NO CORRECTIONS NEED.		
	Initials	

Printed Name of Person providing the above information

Signature of Person providing the above information

Date

OMS Transcript Errata 5.27.15

# P-R-O-C-E-E-D-I-N-G-S

2	(2:04 p.m.)
3	MR. FURUKAWA: This is Jon Furukawa. The
4	time is 1404 on Thursday, the 18th of February 2016.
5	And, we're conducting a phone interview with Lieutenant
6	Commander U.S. Coast Guard. He was
7	the pilot in command of a MH60-Tango Jayhawk, Helo
8	(phonetic) ID Number 6009, piloting that for the, the
9	search and rescue of the El Faro.
10	Let's see. and, I'm going to call you
11	Do you acknowledge that this interview is being
12	recorded?
13	LCDR Yes.
14	MR. FURUKAWA: Okay. And, do you
15	acknowledge that we've discussed the NTSB mandatory
16	briefing items?
17	LCDR Yes.
18	MR. FURUKAWA: Okay. And, we'll go around
19	the, the phones. This is, like I said, Jon Furukawa,
20	NTSB, and I'm the survival group chairman.
21	Paul, why don't you go next?
22	MR. WEBB: Paul Webb, U.S. Coast Guard.
23	MR. FURUKAWA: Okay. Patty?
24	MS. FINSTERBUSCH: Patty Finsterbusch, TOTE
25	Services.

1	MR. FURUKAWA: Lou?
2	MR. O'DONNELL: Louis O'Donnell, ABS.
3	MR. FURUKAWA: And,
4	LT. U.S. Coast Guard,
5	Counsel for the witness.
6	MR. FURUKAWA: Great.
7	And, what's your age?
8	LCDR I'm 47.
9	MR. FURUKAWA: Forty-seven, okay. And, what
10	year did you enter the Coast Guard?
11	LCDR I entered the Coast Guard in
12	2002.
13	MR. FURUKAWA: Okay. Was that so you
14	graduated from the Coast Guard Academy or
15	LCDR No. I went to the U.S.
16	Military Academy, graduated in 1993. I was in the Army
17	for nine years, and I'm a Direct Commission Aviator,
18	you know, of the Coast Guard as a Lieutenant Junior
19	Grade.
20	MR. FURUKAWA: Okay. Those nine years in
21	the Army, were you a helo pilot?
22	LCDR Yes, sir. I was an OH-58-Delta
23	Kiowa Warrior (inaudible).
24	MR. FURUKAWA: Okay. So, you flew helos for
25	nine years in the Army.
ı	

1	LCDR Well, I have a very unusual
2	job. I actually started off with air defense
3	artillery, did that for about a year and a half to two
4	years, then I transferred, branch transfer within the
5	Army from air defense artillery to aviation. So, I
6	came into aviation in the Army in 1995.
7	MR. FURUKAWA: 1995, okay. And, how many
8	years did you fly in the Army?
9	LCDR About seven years.
10	MR. FURUKAWA: Okay. So, 1995 to 2002, and
11	then
12	LCDR Right.
13	MR. FURUKAWA: you came to the Coast
14	Guard 2002. And, can you tell me about your, your,
15	your job experience in the Coast Guard since 2002?
16	LCDR Sure. I initially was assigned
17	to Air Station Astoria, Oregon, and that's where I
18	became aircraft commander or pilot in command. I was
19	there for four years. After that, I transferred to Air
20	Station Clearwater, this current assignment, and I was
21	here from 2006 to 2010, and then I went to Air Station
22	Kodiak in Alaska from 2010 to 2013, and from and
23	then in 2013, transferred back to Air Station
24	Clearwater.
25	MR. FURUKAWA: Okay.

1	LCDR And, I've been rotary wing
2	aviator on all those assignments.
3	MR. FURUKAWA: Okay. Let's see. So, you've
4	been an aviator with the Coast Guard for nine years
5	now? Is that
6	LCDR Thirteen years thirteen
7	well, it'll be thirteen years in May.
8	MR. FURUKAWA: Thirteen years of Coast
9	Guard, and seven years with the Army, okay.
10	LCDR Well, nine years in the Army.
11	(Simultaneous speaking) were Air Defense Artillery, so
12	a total of nine years
13	MR. FURUKAWA: Okay.
14	LCDR in the Army.
15	MR. FURUKAWA: But as far as being a pilot,
16	about 20 years, 13 years Coast Guard, 7 years Army?
17	LCDR That's correct. Yes, sir.
18	MR. FURUKAWA: Okay. And, let's see. Okay.
19	And, why don't I Paul Paul Webb is the Coast
20	Guard's subject matter expert, so I'm going to turn
21	this over to him. We're going to do this round-robin
22	style and, you know, so everybody gets a turn, actually
23	twice, to, to ask you questions.
24	And, yes, I'm going to start off with just
25	hand you over to Paul.

1	MR. WEBB: Hi, Commander.
2	LCDR Hi, Paul.
3	MR. WEBB: So, my first question for you is
4	that had you flown any other missions for the hurricane
5	before this mission that you were on at the, that the
6	remains were discovered?
7	LCDR I had. I had flown mainly in
8	support of relief efforts for the Bohemian government.
9	MR. WEBB: And, when did that start?
10	LCDR Let me get my calendar up here.
11	Oh, I got it back up on exactly when I got there. The
12	schedule is a little bit off because originally they
13	had us delayed, and then at the last minute, they
14	wanted us down there because for the relief.
15	See, I started so I think I got there
16	around the 4th is how I recall it. Go back on the
17	schedule here and see what it says. Let me see the
18	schedule. Our electronic schedule, I can look back and
19	see what time I got there exactly. Let's see here.
20	Sorry, taking a little slow.
21	MR. WEBB: That's fine.
22	LCDR Okay. It looks like, according
23	to the schedule here, my first flight was on the 3rd of
24	October. And, that was for a possible people in
25	distress in Samana, Samana Cay.

1	MR. FURUKAWA: How do you spell Samana?
2	MR. WEBB: Which Cay again?
3	LCDR Samana is spelled S or
4	Sierra-Alpha-Mike-Alpha-November-Alpha.
5	MR. WEBB: Okay. And, so you did that
6	mission on the 3rd, then the 4th was this mission
7	LCDR Yes.
8	MR. WEBB: that we're talking about? Is
9	that correct?
10	LCDR Yes, sir.
11	MR. WEBB: Okay. So, when were you notified
12	that you were going to be doing the search on the 4th?
13	LCDR Well, I can't remember exactly
14	the, exact time. I mean, we got down there on the 3rd,
15	and we always knew that we would be involved in the El
16	Faro case that had been going on for a number of days.
17	MR. WEBB: Okay.
18	LCDR We had disregard.
19	MR. WEBB: Okay. Did the, did the RCC
20	when they gave you this mission, did they give you a
21	search action plan with, with what they wanted you to
22	do?
23	LCDR Yes. As I recall, we got our
24	search action plan through the operation the OPBAT
25	(phonetic) Operation Center, but it may have been

1	passed via District 7. I'm not I'm not certain
2	about that. I presume it was.
3	MR. WEBB: Okay. So, D7 their command
4	center passed, the OPBAT op center, and then, and that
5	acts, that acts like an Air Station Kodiak with the op
6	center there, they would then pass that to the crew for
7	a brief?
8	LCDR That's correct, yes.
9	MR. WEBB: Okay. And, you were given a
10	designated search area pattern for the search area that
11	you were going to search? Did they have any specific
12	search objects that they were identified for you to
13	look for?
14	LCDR No.
15	MR. WEBB: Did you have any pre-flight
16	discussions with the SAR controllers in Miami?
17	LCDR No. We never communicated
18	directly with the SAR controllers in the Miami to my
19	knowledge. To my recollection, we only talked with the
20	OPBAT Operation Center.
21	MR. WEBB: Okay. And, after you got the
22	mission, did you have a discussion with your crew on
23	the mission?
24	LCDR Yes. We have a standard pre-
25	mission brief that we conduct before every flight.

MR. WEBB: And, what would you consider the risk factors on that mission? Did they have any high-risk factors or do you remember what your GAR (phonetic) score was?

LCDR Well, we don't use that model.

That's a surface asset model, but, you know, we don't

That's a surface asset model, but, you know, we don't it's a very subjective scale. We don't really assign
a number to it. We discuss some of the risks involved,
and if there's a mitigation factor we can use, then,
then we apply that.

So, in this case, some of the risks involved were the fact that -- it was actually a relatively low risk, except that -- it was low risk in that it was daytime. It was VFR, Visual Flight Rules, flying in the clouds.

It was higher risk -- what increased the risk is that it was a warm day, which decreases the efficiency of the aircraft engines. We had to refuel in Great Exuma to keep our time on scene, so in that regard, the aircraft was heavy, which, obviously, is a -- creates a high power situation.

And, the fact that there's no -- there was little to no wind on scene. So, with a helicopter, if you're in a hover -- helicopter is more efficient in forward flight, it takes less power. It takes more

2.0

1 power to hover. 2 If you have a wind, that's like -- the helicopter doesn't understand the difference between a 3 4 hover and a wind. If there's a relative wind going by, it will decrease the power requirements in a hover, if 5 6 you follow. So, those are the things that would have 7 increased the risk for this particular flight is that it was hot, we were heavy, and it was calm winds. 8 9 Okay. And, you got airborne from MR. WEBB: 10 where? 11 LCDR Well, initially, from our port operating base to the south initially. I flew to Great 12 Exuma International where I refueled because that was 13 14 closer to the on, to the site, the site of the search. 15 MR. WEBB: So, you refueled before you actually got out the scene then? 16 17 LCDR Yes. 18 MR. WEBB: Okay. So, how long did it take 19 you to get to your search area? 2.0 Well, it took us about an hour LCDR to get from our port operating base to Great Exuma, and 21 22 then to get out to Great -- from Great Exuma on scene 23 is about -- as I recall 30 minutes or so, about an hour 24 and a half.

MR. WEBB:

25

Okay. And, refueling took what?

1	Half an hour or
2	LCDR Yes, about about a half
3	hour, 45 minutes I would say.
4	MR. WEBB: Okay. What was the what was
5	the weather in route? You gave a little bit of that.
6	In route when you got on scene, and then your return,
7	how was the weather?
8	LCDR It was visual flight rules. I
9	don't recall the specifics of the weather. On scene,
LO	it was clear, but in route, we weren't flying through
11	clouds. I don't recall the (inaudible).
12	MR. WEBB: Okay. Okay. So, you're on
L3	scene, do you remember how long it took until you
L4	discovered the survival suit?
L5	LCDR Yes. Well, we actually were
L6	not in the search area when I discovered the survival
L7	suit.
L8	MR. WEBB: Not in the search area?
L9	LCDR No, sir. So, I would say maybe
20	15 to 20 minutes after taking off. When I seen we
21	weren't in the search area, we weren't in my assigned
22	search area. I mean, the overall search area, it was -
23	- the El Faro search area was bigger than my particular
24	search action plan I was given.
25	MR. WEBB: Right. And, you said that about

15 or 20 minutes after you took off from Grand -- what 1 2 was that, Great Exuma? LCDR Great Exuma, yes. That's how -3 - that's what I recall, yes, sir. 4 I can't remember 5 It was about 15 to 20 minutes exactly. 6 Okay. After you came upon the MR. WEBB: 7 survival suit, did you get any tasking from the RCC 8 about the survival suit, or was everything on scene, 9 you're doing as a, as the pilot in charge? 10 Pretty much as the pilot in LCDR 11 charge. The first thing I did is -- well, first of all, a little background. It's not that clear of an 12 We were flying in route. My copilot said, 13 14 "Hey, I think I just saw a Gumby suit fly through the 15 chin bubble." So, it probably took us -- because it was --16 17 you know, a person in the water is very difficult to 18 spot, by the time we came back around, we didn't have a 19 good location of it. And, we're flying at 125 nautical 2.0 miles an hour, so it took us another 20 minutes, 15 to 20 minutes just to relocate the body in daylight. 21 22 So, what was your question again? 23 What did I do when I got on scene? So, I cannot remember when we notified the Northland first or I 24 25 deployed the swimmer, but we deployed the swimmer and,

1 you know, he identified -- first we identified it. Ιt 2 had remains in it or a person in it. We deployed the He verified that the person was deceased, and 3 4 returned to the aircraft. Okay. And, and he passed the 5 MR. WEBB: 6 condition of the remains to -- all that information --7 LCDR Yes. -- on the survival suit. 8 9 LCDR Yes, sir. 10 MR. WEBB: And, once he returned to the 11 aircraft, what were your discussions about recovering 12 the body or marking it or what were your plans then? 13 Well, at that point, we had --14 we had, had contacted the Northland and told them we 15 had found human remains. There was a pause on the radio for a period of time, which I can't remember how 16 17 long it was where there were no communications. 18 not sure if they were deciding what to do with that or 19 if they were involved in something else. 2.0 And, then over the radio, shortly after that, a P8, Navy P8 aircraft, had said that they had 21 22 identified possible, another possible set of -- another 23 possible person in the water with possible movement. 24 came on the radio and asked the Northland if they'd

like us to proceed to that location.

25

They said, "Yes."

We we discussed marking the body. We
decided to mark it with a self-locating datum marker, I
believe, which we call them SLDMB. So, we deployed the
SLDMB within an immediate vicinity of the body, and
then proceeded to the, the next location, which was, at
the time, we thought it was a live survivor.
MR. WEBB: And, how far away was that
approximately?
LCDR I can't give you an approximate
distance. It was about 15, 20 minutes away. I can't
recall exactly.
MR. WEBB: At what speed?
LCDR One hundred and twenty-five
knots.
MR. WEBB: Okay.
LCDR But, it took us once on
scene, it took us a long time. That aircraft, that's
not their mission. They had a hard time vectoring us
into exactly where that, those suspected, that
suspected survivor was. It took us a while once on
scene with the PA (phonetic), it took us a long time to
find what they were looking at.
MR. WEBB: Yes. Okay. So, the SLDMB that
you, you deployed, that actually was a dud, right?
LCDR Yes. For lack of a better

term, I -- that's correct, yes. It never transmitted a 1 2 signal. Does that happen often down there 3 MR. WEBB: 4 with the SLDMBs? What's the success rate on those, do 5 you know? You know, I anticipated this 6 LCDR 7 question, and I actually reached out to some of our 8 maintainers and the guys at ALC, and through one of our 9 officers there, and he said, "There is no good data on The only thing they could say was that the rate 10 11 is high. They couldn't even give me an exact number. 12 That's with the version two, which is what 13 we were using that day. They are now transitioning to 14 a version three, which no one has used yet, but they're 15 supposed to be more reliable. But -- so the bottom-16 line is that we don't have good data on that. 17 I can tell you that -- the only numbers I do 18 have is that we deployed according to the one officer 19 that, here at the unit that I talked to, we deployed 2.0 seven SLDMBs during the El Faro case and ours was the 21 only one that did not activate or did not -- it was a 22 dud for lack of a better term. 23 Okay. So, once you -- so what MR. WEBB: 24 did you find on scene once you got to the other 25 position of possible PIW?

1	LCDR The possible PIW turned out to
2	be a piece of orange plastic. With the wave motion, I
3	guess, it was making it look like there was movement.
4	MR. WEBB: And, what was your next orders?
5	What what did you do after that?
6	LCDR Well, we we didn't have any
7	search action plan at the time, so we went back to our
8	well, we didn't have a new one, so we went back to
9	our old one. We did that until we had further tasking.
10	MR. WEBB: So, you went back to your
11	original search plan that they gave you at the
12	beginning of the mission?
13	LCDR Yes, sir.
14	MR. WEBB: And, was anybody tasked with
15	trying to relocate the, the remains?
16	LCDR At some point, we were told to
17	go back and relocate the remains, which we at that
18	point, it was it was close to sunset, but we did go
19	back and try and relocate them.
20	MR. WEBB: How much time did you have on you
21	at that point for crew and flight hours?
22	LCDR I don't I don't recall, sir.
23	MR. WEBB: And, do you know when you ended
24	your mission, what time that was?
25	LCDR What time we landed back at our

1	port operating base?
2	MR. WEBB: And, when you left scene and
3	landed.
4	LCDR Let's see. I don't recall.
5	I'm looking at the, the missile reporter (phonetic)
6	says we left scene at 2350 Zulu, which is going to be a
7	difference of
8	MR. WEBB: It's at 1750?
9	LCDR Yes, 1750 maybe. I have it on
10	my blue sheet. It was 2345. It's a difference of five
11	minutes.
12	MR. WEBB: Okay. And, then how long did it
13	take you to get back to your base?
14	LCDR About an hour.
15	MR. WEBB: Okay. All right. That's all the
16	questions I got right now.
17	LCDR Okay.
18	MR. WEBB: Jon.
19	MR. FURUKAWA: Okay. It's Jon Furukawa,
20	again, from NTSB. And, the island that you guys
21	refueled on was called Great Exuma. Can you
22	MR. WEBB: Jon, I finished my questions.
23	MR. FURUKAWA: Oh, sorry. I was still on
24	mute.
25	Hey, Jon Furukawa again. The island

1	that you refueled on that was Great Exuma? Can you
2	spell Exuma?
3	LCDR Yes, sir. It's E-X-U-M-A, I
4	believe. Let me look here. Let me write it down.
5	Yes, so the island is called Great Exuma, E-X Echo-
6	X-ray-Uniform-Mike-Alpha.
7	MR. FURUKAWA: Okay. Thank you. How many
8	more missions did you fly after the, the one with the
9	survival suit?
10	LCDR Let me go through the flight
11	schedule here and see. There's after this, we flew
12	sorry, the computer is taking a long time here.
13	MR. FURUKAWA: Okay. Do you remember how
14	long you guys were down there for the El Faro?
15	LCDR I was there until the 15th of
16	October.
17	MR. FURUKAWA: Okay. Okay. So, you were
18	probably flying daily missions?
19	LCDR Yes. Once the El Faro wound
20	down, we continued on with our normal mission down
21	there.
22	MR. FURUKAWA: Okay.
23	LCDR So, actually, what I'm showing
24	here is I only flew, only flew one additional story
25	(phonetic) on the El Faro.

1	MR. FURUKAWA: And, what date was that?
2	LCDR Back up one. That was on the
3	6th of October.
4	MR. FURUKAWA: Okay. Okay. And, on the two
5	missions that you flew for the, concerning the El Faro,
6	did you pick up any other or seen any other survival
7	debris, such as, you know, the lifeboat, life raft,
8	life rings, life jackets, or survival suits?
9	LCDR No, sir.
10	MR. FURUKAWA: Okay. Okay. And, I think
11	you gave us a pretty good description of why the
12	remains weren't recovered. Okay. And, I think that's
13	all I have.
14	LCDR Okay, sir.
15	MR. FURUKAWA: I'll pass it on to Patty.
16	MS. FINSTERBUSCH: I have no questions at
17	this time.
18	MR. FURUKAWA: Okay.
19	Lou?
20	MR. O'DONNELL: I have no further questions
21	at this time, Jon. Thank you.
22	MR. FURUKAWA: Okay. We'll go around for
23	our last round again.
2.4	
24	Paul, anything?
25	MR. WEBB: No, I think we got I got all

1	the questions I had
2	MR. FURUKAWA: Okay.
3	MR. WEBB: answered.
4	MR. FURUKAWA: Okay.
5	And, Patty, anything else within the last
6	few seconds come up in your mind?
7	(No response.)
8	MR. O'DONNELL: No further questions from
9	this side, Jon.
10	MR. FURUKAWA: Okay.
11	MS. FINSTERBUSCH: No further questions.
12	MR. FURUKAWA: so now that the interview
13	is winding down, is there anything that you'd like to
14	add or change?
15	LCDR No, sir.
16	MR. FURUKAWA: Okay. Are there any
17	questions that we should have asked but we didn't?
18	LCDR No, sir.
19	MR. FURUKAWA: Okay. Let's see. I guess
20	this will be concerning the SAR and, you know, unable
21	to recover the body. Do you have any suggestions for
22	preventing a recurrence of an accident like this?
23	LCDR You know, from a, perspectives
24	of an aviator, I believe, we did the right thing with a
25	person in the water or suspected live person in the
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The only thing is maybe increasing the 1 water. 2 liability of the SLDMBs, but, I think, that's in the works already, so I don't really have any, any 3 additional recommendations. 4 5 MR. FURUKAWA: Okay. And, do you know of 6 anybody, anyone else that we should interview that 7 would -- you know, we're interviewing you and we've 8 already interviewed the, the air crewmen or the 9 survival swimmer. Is there anybody else you think that can give us more information or that's pretty much 10 11 about it? I think between the two of us, 12 LCDR 13 we've pretty much covered everything, sir. MR. FURUKAWA: And, let's see. It is now 14 15 1434, and we are ending the interview with Lieutenant 16 Commander U.S. Coast Guard, the Helo 17 Commander of Helo Number 6009. And, I'm going off tape. 18 (Whereupon, the above-entitled matter went 19 off the record at 2:34 p.m.) 2.0 The purpose of the this investigation is to 21 increase safety, not to assign fault, blame, or 22 liability. NTSB cannot offer any quarantee of full 23 confidentiality or immunity from legal or certificate 24 actions. A transcript or summary of the interview will 25 go into the public docket.

## CERTIFICATE

MATTER: El Faro Incident October 1, 2015

Accident No. DCA16MM001

Interview of LCDR

DATE: 02-11-16

I hereby certify that the attached transcription of page 1 to 23 inclusive are to the best of my professional ability a true, accurate, and complete record of the above referenced proceedings as contained on the provided audio recording; further that I am neither counsel for, nor related to, nor employed by any of the parties to this action in which this proceeding has taken place; and further that I am not financially nor otherwise interested in the outcome of the action.

#### **NEAL R. GROSS**